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MILK LABORATORIES APPROVED BY FEDERAL AND STATE AGENCIES, IN ACCORDANCE WITH THE PUBLIC HEALTH SERVICE GRADE 'A' PASTEURIZED MILK ORDINANCE AND EVALUATION OF MILK LABORATORIES

Bureau of Community Environmental Management
Cincinnati, Ohio

1969

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U.S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
Public Health Service
Consumer Protection and Environmental
Health Service

50

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U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
Consumer Protection and Environmental Health Service
ENVIRONMENTAL CONTROL ADMINISTRATION
Bureau of Community Environmental Management
Division of Food, Milk, and Interstate Travel Sanitation
Cincinnati, Ohio 45202
1969

I

PREFACE

The *Grade ''A'' Pasteurized Milk Ordinance* (1965 Recommendations of the United States Public Health Service) requires that ''Samples shall be analyzed at an official or appropriate officially designated laboratory.'' In Section 1, of the ordinance (Definitions), these laboratories are defined as follows:

''**AA. Official Laboratory.**—*An official laboratory is a biological, chemical, or physical laboratory which is under the direct supervision of the State or a local health authority.*''

''**BB. Officially Designated Laboratory.**—*An officially designated laboratory is a commercial laboratory authorized to do official work by the supervising agency, or a milk industry laboratory officially designated by the supervising agency for the examination of producer samples of Grade A raw milk for pasteurization.*''

Section 6 of the *Grade ''A'' Pasteurized Milk Ordinance* (The Examination of Milk Products) stipulates that the sampling procedures and required laboratory examinations ''shall be evaluated in accordance with the methods of evaluating milk laboratories recommended by the United States Public Health Service'' (''Evaluation of Milk Laboratories,'' PHS Publication No. 999-FP-3).

The state central milk laboratories listed in Appendix 1 have been certified by milk laboratory survey officials of the Public Health Service. The official, commercial, and dairy-industry laboratories identified

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in Appendix 1 have been approved by a state milk laboratory survey official as being in substantial compliance with *Standard Methods for the Examination of Dairy Products* and *Official Methods of Analysis of the Association of Official Analytical Chemists.*

This publication is revised biennially. In the interval between editions, users may consult with state milk laboratory survey officers identified in Table 1 for information concerning any additions or deletions.

ACKNOWLEDGMENTS

Acknowledgments. In the development of Appendix 1, which lists all state-approved milk laboratories, draft material was prepared and distributed for review by the state health or agriculture department laboratory directors or milk laboratory survey officer of each state. Their cooperation in helping update this list of approved laboratories including the number of analysts in each approved official, commercial, or industry laboratory is greatly appreciated. The graphic and tabular summaries in Figure 5 and Table 2 were prepared from the data supplied by state officials.

A. Richard Brazis, Ph.D.
Laboratory Certification Officer
Milk Sanitation Research

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MILK LABORATORIES APPROVED BY FEDERAL AND STATE AGENCIES

Public Health Service Activities

The activities of the Public Health Service in milk laboratory certification began in 1941 when surveys of milk laboratories were initiated in defense areas in the 48 contiguous states. In cooperation with state health or agriculture departments, Dr. L. A. Black of the Public Health Service (PHS) visited laboratories performing official analyses and observed the equipment, preparation of materials, techniques and results of analyses, and records. Correct procedures were demonstrated and a blank copy of the survey form, which was based upon the 7th edition of *Standard Methods for the Examination of Dairy Products* (Standard Methods), was left with each laboratory as a guide to these procedures. In subsequent years, the PHS milk laboratory survey forms have been revised after each successive edition of Standard Methods; in 1965, revision of these forms included procedures shown in *Standard Methods* and the *Official Methods of the Association of Official Analytical Chemists* (A.O.A.C. Methods).

State central health or agriculture milk laboratories have been resurveyed every 2 or 3 years, and (as shown in Figure 1) the central laboratories of 49 states, the District of Columbia (D.C.), and Puerto Rico are currently certified by the Public Health Service. Appendix 1 lists by state the departments responsible and the cities in which the central and

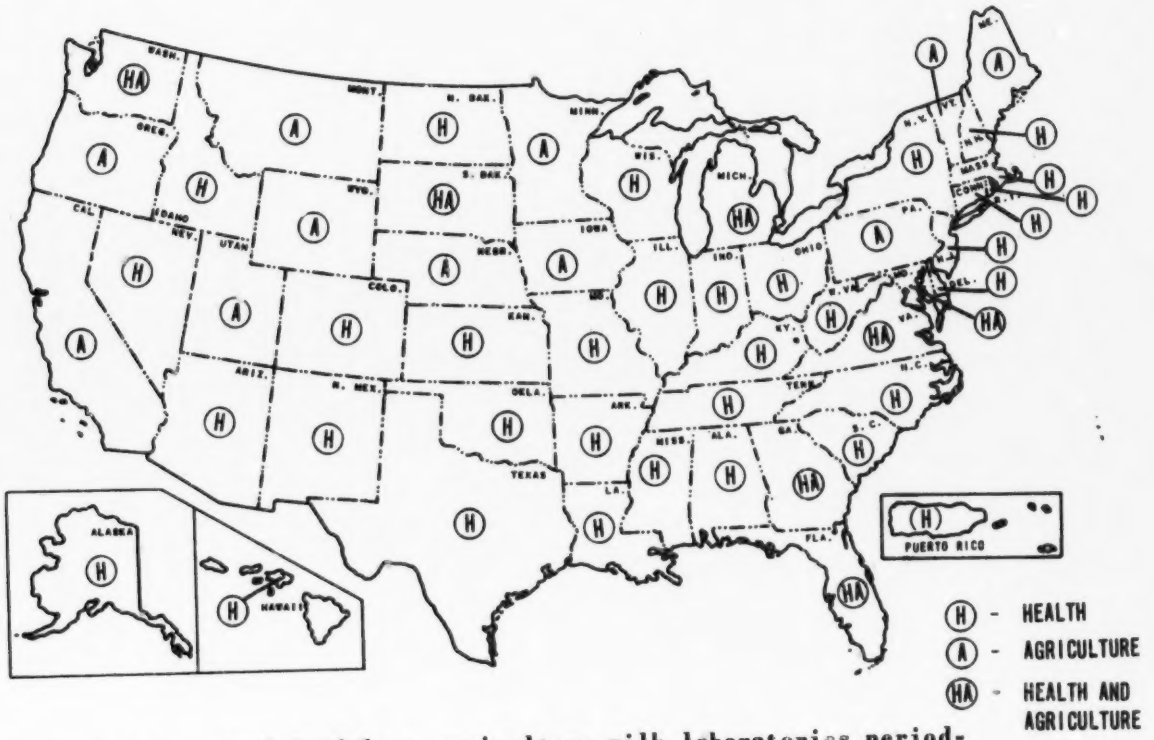

Figure 1. State central-health or agriculture milk laboratories periodically surveyed, evaluated by split milk samples, and certified by the Public Health Service.

local laboratories are located. This appendix also lists the number of analysts approved for bacteriological work in these laboratories.

The Public Health Service conducted its first split milk sample evaluation of state central milk laboratories in 1957-1958.[1] Since 1961, the central laboratories of the 50 states and the District of Columbia have annually received a set of split samples for analysis. The results of each state laboratory analysis have been submitted to the Public Health Service; they have been statistically evaluated,[2] and reports showing relative agreement of analysts have been returned to the laboratories. This split sample program has resulted in a high degree of accuracy and uniformity in milk analysis nationally.

State Activities

At the time of the first nationwide survey of milk laboratories, only two states (Connecticut and New York) were actively engaged in a program for approval of all local laboratories officially engaged in bacteriological analysis of milk. By 1950, at the time of the first National Conference on Interstate Milk Shipment (NCIMS), 12 states had programs for approval of local milk laboratories; by the end of 1963, all 48 contiguous states plus D.C. had approval programs (Figure 2). As of January 1, 1969, only two states and Puerto Rico did not have a laboratory approval program.

The first NCIMS recommendations pertaining to standards for laboratories provided that states may accept results from the local official laboratories that the state approves. These laboratories comply substantially with Standard Methods, and the results of their analysis on split samples, sent them by the state at least twice yearly, show close statistical agreement.

[1]Statistical analysis of standard plate counts of milk samples split with state laboratories. C. B. Donnelly, E. K. Harris, L. A. Black, and K. H. Lewis. J. Milk and Food Technol., 21:315-319. 1960.

[2]Evaluation of state central milk laboratories by statistical analyses of standard plate counts. C. B. Donnelly, J. T. Peeler, and L. A. Black. J. Milk Food Technol. 29:19-24. January 1966.

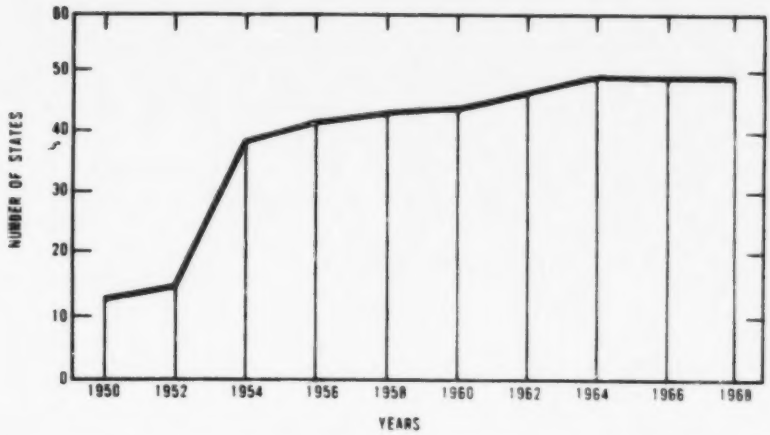

Figure 2. Growth of state programs for approval of local milk laboratories.

Figure 3 shows the growth of state programs for evaluating local laboratories by means of split samples. The number of states checking local laboratories by means of split samples increased from two in 1953, to 47, plus the District of Columbia, by July 1, 1968.

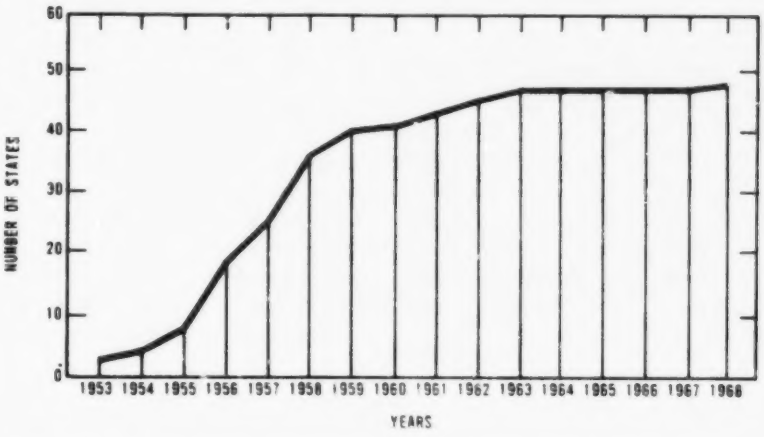

Figure 3. Growth of state programs for evaluating local laboratories by split milk samples.

In Figure 4, the use of state-approved local laboratories to analyze milk for interstate shipment has been charted from 1956 to 1968.

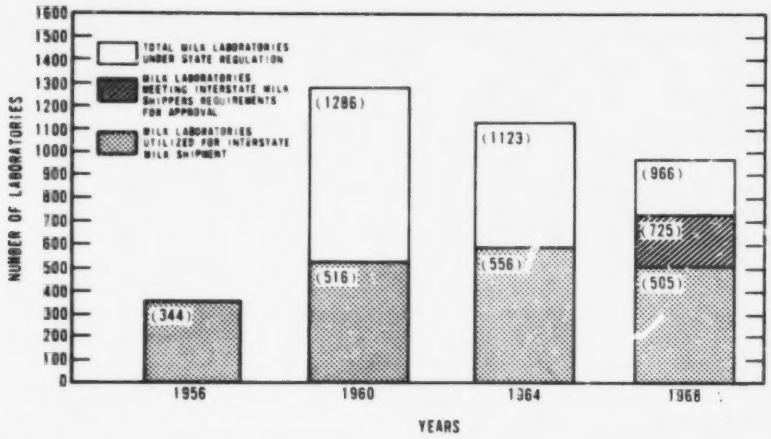

Figure 4. Use of state-approved local laboratories in analysis of milk for interstate shipment.

Certification of State Milk-Laboratory Survey Officers

The procedures governing the cooperative state – Public Health Service program for certification of Interstate Milk Shippers (IMS) provide that the Public Health Service shall evaluate and approve the laboratory facilities and procedures of state laboratory approval agencies, and the Public Health Service shall periodically check survey milk laboratories of participating states to ensure compliance with Standard Methods and A.O.A.C. Methods.

The Public Health Service has also developed criteria for certification of state milk laboratory survey officers. Table 1 lists the officers designated by each of the 50 states, the District of Columbia, and Puerto Rico. Most of these survey officers have complied with and have been issued Public Health Service certificates. The following criteria must be met to obtain certification.

Table 1. STATE-DESIGNATED MILK LABORATORY SURVEY OFFICERS, December 31, 1968

State	City	Department	Individual
Alabama	Birmingham	Public Health	Randall E. Glenn*
Alaska	Juneau	Health	Ralph B. Williams
Arizona	Phoenix	Health	H. Gilbert Crecelius
Arkansas	Little Rock	Health	Ben P. Freasier, Jr.*
California	Sacramento	Agriculture	Calvin L. Stucker*
California	Sacramento	Agriculture	P. J. Dolan*
California	Lemon Grove	Agriculture	Lee Biggs
California	Los Angeles	Agriculture	L. H. Lockhart
California	Tulare	Agriculture	D. J. Radmacher
California	Santa Rosa	Agriculture	K. L. Svanc
Colorado	Denver	Public Health	C. David McGuire*
Colorado	Denver	Public Health	Paul Maifarth*
Connecticut	Hartford	Health	Elizabeth Murphy*
Connecticut	Hartford	Health	Earl R. Thompson, Jr.*
Delaware	Dover	Board of Health	Irene Mazeika*
District of Columbia	Washington	Public Health	Teresa Milice[1]
District of Columbia	Washington	Public Health	Eugene Parrish[2]
Florida	Jacksonville	Board of Health	Hugh F. Butner*
Georgia	Atlanta	Public Health	William C. Henning*
Hawaii	Honolulu	Health	Kingston S. Wilcox
Idaho	Boise	Health	Owen L. Carpenter*
Illinois	Chicago	Public Health	Joseph C. McCaffrey*
Illinois	Springfield	Public Health	Berry E. Gay, Jr.*
Indiana	Indianapolis	Board of Health	Wesley L. Green
Iowa	Des Moines	Agriculture	Homer K. Hansen*
Kansas	Topeka	Health	Frank Victor*
Kentucky	Frankfort	Health	Henry S. McGuire*
Louisiana	New Orleans	Board of Health	Ralph T. Fray*
Louisiana	Shreveport	Board of Health	William J. Noble*
Maine	Orono	Agriculture	Gordon F. Ramsdell*[3]
Maryland	Baltimore	Health	Arnold C. Salinger*
Maryland	College Park	Agriculture	Elizabeth Schultz*
Massachusetts	Boston	Public Health	George W. O'Brien*
Michigan	Lansing	Health	Orla E. McGuire*
Minnesota	Minneapolis	Health	Russell E. Frazier*
Minnesota	St. Paul	Agriculture	Donald J. Pusch*
Minnesota	St. Paul	Agriculture	Richard Schifsky*
Mississippi	Jackson	Board of Health	R. H. Andrews*
Missouri	Jefferson City	Public Health and Welfare	Leonard B. Garrett*
Montana	Bozeman	Livestock Sanitary Board	Beckwith Hubbell, Jr.*

Table 1 (Continued). STATE-DESIGNATED MILK LABORATORY SURVEY OFFICERS, December 31, 1968

State	City	Department	Individual
Nebraska	Lincoln	Agriculture	Cecil A. Metzger*
Nebraska	Lincoln	Agriculture	Robert Magnenat*
Nevada	Reno	Health	Ernest N. Scruggs*
New Hampshire	Concord	Health and Welfare	William F. Oakman
New Jersey	Trenton	Health	Florence DeLis*
New Mexico	Albuquerque	Public Health	Daniel E. Johnson*
New Mexico	Albuquerque	Public Health	Joseph Jenkins*
New York	Albany	Health	Ann F. Hohenstein*
New York	Albany	Health	Richard Doney*
North Carolina	Raleigh	Board of Health	William J. Jamieson
North Carolina	Raleigh	Board of Health	Alice T. Ashton
North Dakota	Bismarck	Public Health	C. Patton Steele*
Ohio	Columbus	Health	Lois Thompson*
Ohio	Columbus	Health	Kenneth Applegate
Oklahoma	Oklahoma City	Health	Harold K. Malone*
Oregon	Salem	Agriculture	Virgil G. Hiatt*
Pennsylvania	Harrisburg	Agriculture	Elwood F. Schaffer*
Pennsylvania	Harrisburg	Agriculture	Harry M. Behney, Jr.*
Puerto Rico	San Juan	Health	Mary Ramirez
Rhode Island	Providence	Health	Louis Iacobucci
South Carolina	Columbia	Board of Health	Joseph C. Harrell*
South Dakota	Pierre	Health	Ben E. Diamond*
Tennessee	Nashville	Public Health	Kenneth Whaley*
Texas	Austin	Health	Joseph N. Murphy, Jr.*
Texas	Austin	Health	W. Howard Day*
Utah	Salt Lake City	Agriculture	Lloyd P. Stevens*
Vermont	Montpelier	Agriculture	Robert Mullen*
Virginia	Richmond	Health	R. Travis Hill*
Virginia	Richmond	Health	Frank Lambert
Virginia	Richmond	Agriculture	Fred W. Bea*
Washington	Seattle	Health	Verna Williams
Washington	Olympia	Agriculture	Frank W. Crews
West Virginia	South Charleston	Health	Calvin E. Beckelheimer*
Wisconsin	Madison	Board of Health	Donald I. Thompson*
Wyoming	Laramie	Agriculture	Michael Purko

*Certified by Public Health Service as State Milk-Laboratory Survey Officer.

[1]Limited to microbiological tests.

[2]Limited to phosphatase tests.

[3]Limited to raw milk tests.

CRITERIA FOR PHS CERTIFICATION
as a
State Milk Laboratory Survey Officer

1. The facilities, equipment, and procedures of the milk laboratory with which individual is affiliated must be approved by PHS Milk Sanitation laboratory personnel or their designated representatives.
2. The individual has demonstrated acceptable competence in interpreting milk laboratory methods as specified in Standard Methods, the Grade "A" Pasteurized Milk Ordinance and Code, or other test procedures recommended by the Public Health Service, e.g., by satisfactory completion of a PHS milk laboratory training course or performance in the laboratory.
3. The individual, when accompanied by PHS Milk Sanitation laboratory personnel or their designated representatives on joint surveys or visits, has demonstrated proficiency in evaluating local milk laboratories.
4. The individual is actively engaged in performing surveys, i.e., by satisfactory completion within the last 2 years of one or more sets of milk-laboratory survey forms that are on record at the PHS Milk Sanitation laboratory.
5. The individual is actively promoting uniformity of local laboratory analyses as demonstrated by acceptable results of split milk samples examined within the past year that are on record at the PHS Milk Sanitation laboratory.

State Central and Local Milk Laboratories Under Public Health Service - State Regulation

As of December 31, 1968, 58 state health and/or agriculture department laboratories were surveyed at least triennially by the Public Health Service; most of these laboratories conduct examinations of official samples. As shown in Appendix 1, the 58 state health and/or agriculture central laboratories utilize 179 analysts in milk analysis.

At least 826 local milk laboratories were under state regulation. The number of official, commercial, and dairy industry milk laboratories approved in each state is tabulated by state in Table 2, together with the number of analysts approved in each state. Figure 5 shows the total number of approved laboratories in each state.

Table 2. CENTRAL STATE AND STATE-APPROVED LOCAL LABORATORIES* AND ANALYSTS UTILIZED IN 50 STATES, THE DISTRICT OF COLUMBIA, AND PUERTO RICO FOR ANALYSIS OF MILK, December 31, 1968

State	Laboratories			Personnel
	Official	Commercial	Industry	Total
Alabama	9	–	–	23
Alaska	4	–	1	5
Arizona	4	1	–	9
Arkansas	3	–	3	9
California	34	1	–	183
Colorado	9	2	3	21
Connecticut	5	1	7	28
Delaware	2	–	–	5
Florida	13	1	2	30
Georgia	10	–	–	18
Hawaii	2	–	–	4
Idaho	6	1	1	16
Illinois	21	10	34	136
Indiana	5	1	16	74
Iowa	14	2	5	44
Kansas	4	–	13	28
Kentucky	8	1	4	22
Louisiana	7	–	–	23
Maine	1	–	3	7
Maryland	16	4	10	85
Massachusetts	1	5	1	15
Michigan	10	5	19	78
Minnesota	10	5	13	63
Mississippi	5	–	1	7
Missouri	13	–	1	27
Montana	4	–	3	9
Nebraska	8	–	3	19
Nevada	2	–	–	6

Table 2 (Continued). CENTRAL STATE AND STATE-APPROVED LOCAL LABORATORIES AND ANALYSTS UTILIZED IN 50 STATES, THE DISTRICT OF COLUMBIA, AND PUERTO RICO FOR ANALYSIS OF MILK. December 31, 1968

State	Laboratories			Personnel
	Official	Commercial	Industry	Total
New Hampshire	2	–	1	4
New Jersey	7	3	11	46
New Mexico	3	–	–	7
New York	4	12	28	131
North Carolina	26	–	14	66
North Dakota	5	–	–	7
Ohio	18	8	10	54
Oklahoma	7	–	–	13
Oregon	2	1	–	10
Pennsylvania	17	22	43	184
Rhode Island	–	2	–	2
South Carolina	6	–	6	16
South Dakota	3	–	–	5
Tennessee	6	1	14	47
Texas	25	–	–	64
Utah	4	1	–	7
Vermont	1	–	6	18
Virginia	18	–	–	41
Washington	16	2	12	53
West Virginia	8	–	3	14
Wisconsin	22	5	51	99
Wyoming	1	–	2	5
District of Columbia	1	2	5	21
Puerto Rico	5	–	–	20
Total	437	99	349	1928

Appendix 1 details for each state by community each official, commercial, and industry laboratory for milk analysis together with the number of analysts approved in each laboratory. As shown in Table 2, on December 31, 1968, a total of 1,928 analysts were approved for bacteriological and chemical analyses of milk samples in the 885 laboratories which meet Interstate Milk Shipment requirements for approval;

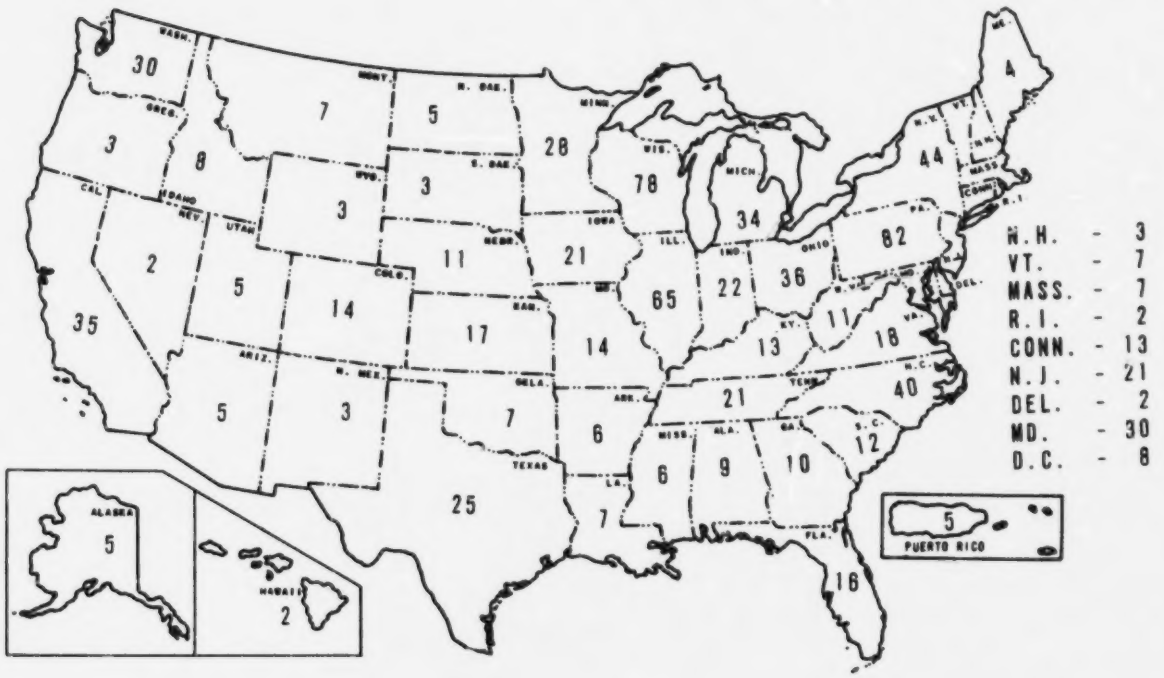

Figure 5. Number of approved official, commercial, and dairy-industry milk laboratories on December 31, 1968.

these laboratories are identified in Appendix 1, which includes 437 official, 99 commercial, and 349 dairy industry laboratories. All local laboratories are resurveyed at least once biennially and all state, central and local laboratories examine split samples semi-annually.

A numerical system for rapid identification of state and local laboratories shown in Table 3 and Appendix 1 should be of assistance to laboratory administrators and milk sanitation rating officers.

Table 3. NUMBER FOR STATES, THE DISTRICT OF COLUMBIA, PUERTO RICO AND THE VIRGIN ISLANDS

State	Laboratory Number	State	Laboratory Number
Alabama	0100	New Hampshire	2800
Arizona	0200	New Jersey	2900
Arkansas	0300	New Mexico	3000
California	0400	New York	3100
Colorado	0500	North Carolina	3200
Connecticut	0600	North Dakota	3300
Delaware	0700	Ohio	3400
District of Columbia	0800	Oklahoma	3500
Florida	0900	Oregon	3600
Georgia	1000	Pennsylvania	3700
Idaho	1100	Rhode Island	3800
Illinois	1200	South Carolina	3900
Indiana	1300	South Dakota	4000
Iowa	1400	Tennessee	4100
Kansas	1500	Texas	4200
Kentucky	1600	Utah	4300
Louisiana	1700	Vermont	4400
Maine	1800	Virginia	4500
Maryland	1900	Washington	4600
Massachusetts	2000	West Virginia	4700
Michigan	2100	Wisconsin	4800
Minnesota	2200	Wyoming	4900
Mississippi	2300	Alaska	5000
Missouri	2400	Hawaii	5100
Montana	2500	Puerto Rico	5200
Nebraska	2600	Virgin Islands	5300
Nevada	2700		

Appendix I

APPROVED MILK LABORATORIES LISTED BY STATE, WITH LOCATION AND NUMBER OF PERSONNEL

Laboratory Number		Location	Analysts
	ALABAMA (0100)		
	Central Laboratory		
0101	State Dept. of Public Health Branch*	Birmingham	4
	Official Laboratories		
0103	State Dept. of Public Health Branch*	Anniston	3
0104	State Dept. of Public Health Branch*	Decatur	2
0105	State Dept. of Public Health Branch*	Dothan	2
0106	State Dept. of Public Health Branch*	Huntsville	2
0107	State Dept. of Public Health Branch*	Mobile	3
0108	State Dept. of Public Health Branch*	Montgomery	3
0109	State Dept. of Public Health Branch*	Selma	2
0110	State Dept. of Public Health Branch*	Tuscaloosa	2
	ARIZONA (0200)		
	Central Laboratory		
0201	State Dept. of Public Health*	Phoenix	2
	Official Laboratories		
0203	State Dept. of Public Health Branch*	Flagstaff	1
0204	Maricopa County Health Dept.*	Phoenix	3
0205	State Dept. of Public Health Branch*	Tucson	2
	Commercial Laboratory		
0231	Thomas Laboratories, Inc.*	Yuma	1
	ARKANSAS (0300)		
	Central Laboratory		
0301	State Dept. of Health*	Little Rock	2
	Official Laboratories		
0303	City Health Dept.*	Fort Smith	1
0304	City Health Dept.*	Little Rock	2
	Industry Laboratories		
0351	Dean Foods Co.*	Conway	1
0352	The Borden Co.	Little Rock	2
0353	Foremost Foods, Inc.*	Paragould	1
	CALIFORNIA (0400)		
	Central Laboratory		
0401	State Dept. of Agriculture*	Sacramento	3

*Complies with Procedures of the National Conference on Interstate Milk Shipments pertaining to frequency of laboratory surveys and split samples.

Laboratory Number		Location	Analysts
	CALIFORNIA (Continued)		
	Official Laboratories		
0403	Los Angeles County Branch Health Dept.*	Alhambra	1
0404	Kern County Health Dept.	Bakersfield	4
0405	State Dept. of Health	Berkeley	4
0406	Butte County Health Dept.*	Chico	2
0407	Imperial County Health Dept.	El Centro	2
0408	Del Norte-Humboldt County Health Dept.*	Eureka	3
0409	Fresno County Health Dept.*	Fresno	7
0410	Inyo County Health Dept.	Independence	2
0411	City Health Dept.*	Long Beach	6
0412	Los Angeles County Health Dept.*	Los Angeles	36
0413	Stanislaus County Health Dept.*	Modesto	4
0414	Napa County Health Dept.*	Napa	2
0415	Alameda County Health Dept.*	Oakland	9
0416	Riverside County Health Dept.*	Riverside	3
0417	Sacramento County Health Dept.*	Sacramento	5
0418	Monterey County Health Dept.*	Salinas	3
0419	San Bernardino County Health Dept.*	San Bernardino	9
0420	San Diego County Health Dept.*	San Diego	8
0421	City and County Health Dept.*	San Francisco	12
0422	Santa Clara County Health Dept.*	San Jose	13
0423	San Luis Obispo County Health Dept.*	San Luis Obispo	4
0424	San Mateo County Health Dept.*	San Mateo	5
0425	Orange County Health Dept.*	Santa Ana	10
0426	Santa Barbara County Health Dept.*	Santa Barbara	1
0427	Santa Cruz County Health Dept.*	Santa Cruz	3
0428	Santa Barbara County Health Dept.*	Santa Maria	1
0429	Sonoma County Health Dept.*	Santa Rosa	4
0430	San Joaquin County Health District*	Stockton	3
0431	Los Angeles County Branch Health Dept.*	Tulare	6
0432	Ventura County Health Dept.*	Ventura	3
0433	Yolo County Health Dept.*	Woodland	2
0434	Sutter-Yuba County Health Dept.*	Yuba City	2
	Commercial Laboratory		
0440	California Dairy Laboratory*	Mill Valley	1

Laboratory Number		Location	Analysts
	COLORADO (0500)		
	Central Laboratory		
0501	State Dept. of Public Health*	Denver	2
	Official Laboratories		
0503	City-County Health Dept.	Boulder	1
0504	El Paso City-County Health Dept.*	Colorado Springs	1
0505	Dept. of Health and Hospitals*	Denver	2
0506	San Juan Basin Health Unit*	Durango	1
0507	Mesa County Health Dept.*	Grand Junction	2
0508	Weld County Health Dept.*	Greeley	2
0509	City-County Health Dept.*	Pueblo	2
0510	Northeast Colorado Health Dept.*	Sterling	1
	Commercial Laboratories		
0531	Biological Research Laboratory	Arvada	2
0532	Davis Laboratories*	Denver	2
	Industry Laboratories		
0551	Sinton Dairy*	Colorado Springs	1
0552	Arden Meadow-Gold	Delta	1
0553	Denver Milk Producers Assoc.	Denver	2
	CONNECTICUT (0600)		
	Central Laboratory		
0601	State Dept. of Health*	Hartford	6
	Official Laboratories		
0603	Division of Laboratories	Bridgeport	2
0604	Health Dept.	Hartford	2
0605	Health Dept.	New Britain	1
0606	Health Dept.	Waterbury	1
	Commercial Laboratory		
0631	Dairy Control Service Laboratory*	Stratford	2
	Industry Laboratories		
0651	Brock-Hall Dairy Co.*	Hamden	3
0652	H. P. Hood & Sons*	Hartford	2
0653	Guida-Seibert*	New Britain	1

Laboratory Number		Location	Analysts
	CONNECTICUT (Continued)		
0654	Connecticut Milk Producers' Assoc.*	Newington	3
0655	Knudsen Bros. Dairy Co.*	North Haven	2
0656	Borden's Mitchell Dairy*	Stratford	2
0657	A. C. Petersen Farms, Inc.	West Hartford	1
	DELAWARE (0700)		
	Central Laboratory		
0701	State Board of Health*	Dover	3
	Official Laboratory		
0703	City Health Dept.*	Wilmington	2
	DISTRICT OF COLUMBIA (0800)		
	Central Laboratory		
0801	District of Columbia Health Dept.*	Washington	3
	Commercial Laboratories		
0831	The C. W. England Laboratory	Washington	2
0832	England Laboratories*	Frederick, Md.	3
	Industry Laboratories		
0851	Maryland and Virginia Milk Producers Assoc.*	Arlington, Va.	2
0852	Valley of Virginia Milk Producers' Assoc.*	Harrisonburg, Va.	3
0853	Safeway Stores, Inc.*	Landover, Md.	1
0854	Sealtest Foods*	Washington	2
0855	Thompsons Dairy*	Washington	2
	FLORIDA (0900)		
	Central Laboratories		
0901	State Board of Health Central*	Jacksonville	1
0902	State Dept. of Agriculture*	Lakeland	2
	Official Laboratories		
0903	City of Jacksonville	Jacksonville	1
0904	State Board of Health Regional*	Miami	2
0905	State Board of Health Regional*	Orlando	2
0906	State Board of Health Regional*	Pensacola	2
0907	Pinellas County Health Dept.*	Pinellas Park	2
0908	Brevard County Health Dept.*	Rockledge	2

Laboratory Number		Location	Analysts
	FLORIDA (Continued)		
0909	State Board of Health Regional*	Tallahassee	3
0910	Dept. of Agriculture Mobile Unit #1*	Tallahassee	1
0911	Dept. of Agriculture Mobile Unit #2*	Tallahassee	1
0912	State Board of Health Regional*	Tampa	2
0913	State Board of Health Regional*	West Palm Beach	3
	Commercial Laboratory		
0931	Expert Dairy Service Inc.*	Miami	2
	Industry Laboratories		
0951	Independent Dairy Farmers Assoc.*	Ft. Lauderdale	1
0952	N. E. Florida Producers' Assoc.	Jacksonville	1
	GEORGIA (1000)		
	Central Laboratories		
1001	State Dept. of Agriculture*	Atlanta	2
1002	State Dept. of Public Health*	Atlanta	4
	Official Laboratories		
1003	State Dept. of Public Health Region*	Albany	2
1004	Clarke County Health Dept.*	Athens	1
1005	Fulton County Health Dept.*	Atlanta	1
1006	Richmond County Health Dept.*	Augusta	1
1007	Muscogee County Health Dept.*	Columbus	1
1008	State Dept. of Public Health Region	Macon	2
1009	Chatham County Health Dept.*	Savannah	1
1010	State Dept. of Public Health Region*	Waycross	3
	IDAHO (1100)		
	Central Laboratory		
1101	State Dept. of Health*	Boise	2
	Official Laboratories		
1103	State Dept. of Health Region*	Coeur d'Alene	2
1104	State Dept. of Health Region*	Idaho Falls	2
1105	State Dept. of Health Region*	Lewiston	2
1106	State Dept. of Health Region*	Pocatello	2
1107	State Dept. of Health Region*	Twin Falls	3
	Commercial Laboratory		
1131	Hibbs Laboratories*	Boise	1
	Industry Laboratory		
1151	Upper Snake River Dairymen's Assoc.*	Idaho Falls	2

Laboratory Number		Location	Analysts
	ILLINOIS (1200)		
	Central Laboratory		
1201	State Health Dept.*	Springfield	4
	Official Laboratories		
1203	Health Dept.*	Berwyn	1
1204	State Health Dept.*	Carbondale	3
1205	State Health Dept.*	Champaign	1
1206	Board of Health*	Chicago	4
1207	State Health Dept.*	Chicago	6
1208	Macon County Health Dept.*	Decatur	1
1209	State Health Dept.*	East St. Louis	2
1210	Health Dept.*	Elgin	2
1211	Evanston North Shore Health Dept.	Evanston	4
1212	Illinois State Penitentiary	Joliet	1
1213	Hygienic Institute*	LaSalle	1
1214	Health Dept.*	Moline	2
1215	Health Dept.*	Peoria	3
1216	Illinois State Penitentiary*	Pontiac	1
1217	Perry Memorial Hospital	Princeton	3
1218	Health Dept.*	Rock Island	2
1219	State Health Dept.*	Rock Island	3
1220	Health Dept.*	Rockford	4
1221	Lake County Health Dept.*	Waukegan	3
1222	Health Dept.*	Wilmette	1
	Commercial Laboratories		
1231	Clinical Laboratory	Aurora	2
1232	Chicago Dairy & Food Laboratories*	Chicago	5
1233	Markham Laboratories*	Chicago	2
1234	Sidney Wanzer & Sons*	Chicago	2
1235	Suburban Laboratories	Cicero	2
1236	Sackett Laboratories*	Elgin	2
1237	Oak Park Laboratories, Inc.*	Forest Park	2
1238	P & D Laboratory*	Nokomis	2
1239	Daily Milk Laboratory*	Peoria	2
1240	Perry Laboratories*	Villa Park	3
	Industry Laboratories		
1251	Oatman Brothers	Aurora	1
1252	American Can Co.	Barrington	4
1253	Prairie Farms*	Carbondale	1
1254	Prairie Farms*	Carlinville	1

Laboratory Number		Location	Analysts
	ILLINOIS (Continued)		
1255	Midwest Dairy Products	Centralia	1
1256	Beatrice Foods Co., Control	Champaign	1
1257	Beatrice Foods Co.*	Champaign	3
1258	National Milk Producers Federation	Champaign	1
1259	Dean Milk Co.*	Chemung	2
1260	Chester Dairy Co.*	Chester	1
1261	Beatrice Foods Co.*	Chicago	3
1262	Hawthorn-Mellody*	Chicago	3
1263	Pure Milk Assoc.*	Chicago	3
1264	Sunshine Dairy*	Decatur	2
1265	Lawton Dairy Co.	Dixon	2
1266	Ludwig Milk Co.*	Elgin	1
1267	Modern Dairy Co.*	Elgin	1
1268	Aro-Dressel Corp.*	Granite City	2
1269	Country's Delight Milk Products*	Hampshire	2
1270	Dairy Brand, Inc.*	Harrisburg	1
1271	Dean Milk Co.*	Huntley	2
1272	Litchfield Creamery*	Litchfield	2
1273	Beatrice Foods Co.*	Mattoon	1
1274	Hillfarm Dairy - Jewel Foods Co.	Melrose Park	3
1275	Prairie Farms*	Olney	1
1276	Prairie Farms*	Pana	2
1277	Producers Dairy*	Peoria	2
1278	Sealtest-National Dairy Products*	Peoria	2
1279	Prairie Farms*	Quincy	1
1280	Dean Milk Co.*	Rockford	4
1281	Midwest Dairymen's League*	Rockford	2
1282	Muller's Pinehurst Dairy*	Rockford	1
1283	Kraft Foods	Stockton	1
1284	Borden Co.*	Woodstock	2
	INDIANA (1300)		
	Central Laboratory		
1301	State Board of Health*	Indianapolis	6
	Official Laboratories		
1303	Evansville-Vanderburg County Dept. of Health*	Evansville	1
1304	Fort Wayne Board of Public Health*	Fort Wayne	3
1305	Gary Health Dept.*	Gary	2
1306	Logansport State Hospital	Logansport	3

Laboratory Number		Location	Analysts
	INDIANA (Continued)		
	Commercial Laboratory		
1331	W. K. Moseley Laboratory*	Indianapolis	9
	Industry Laboratories		
1351	East Side Jersey Dairy Co.*	Anderson	2
1352	American Can Co.*	Evansville	2
1353	Ideal Pure Milk Co., Inc.*	Evansville	3
1354	Wayne Coop. Milk Producers, Inc.*	Fort Wayne	4
1355	Dixie Dairy Co.*	Gary	2
1356	Goshen Milk Division - Orrville Milk Co.*	Goshen	6
1357	Holland Custard and Ice Cream, Inc.*	Holland	4
1358	Borden Co. - Milk Division*	Indianapolis	3
1359	Kroger Co. Dairy*	Indianapolis	6
1360	Sutter's Dairy Products, Inc.*	Marion	2
1361	New Paris Creamery Co., Inc.*	New Paris	3
1362	Dean Foods Co.*	Rochester	2
1363	Hawthorn Mellody Farms Dairy, Inc.*	South Bend	2
1364	Mid-West Producers' Creameries, Inc.	South Bend	5
1365	Litchfield Creamery Co.	Warsaw	3
1366	Purdue University Creamery	West Lafayette	1
	IOWA (1400)		
	Central Laboratory		
1401	State Dept. of Agriculture*	Des Moines	4
	Official Laboratories		
1403	Des Moines County Health Dept.*	Burlington	1
1404	Carroll Unit*	Carroll	1
1405	Health Dept.*	Cedar Rapids	2
1406	Health Dept.*	Clinton	1
1407	Polk County Health Dept.*	Des Moines	3
1408	Health Dept.*	Dubuque	2
1409	State Hygienic Laboratory*	Iowa City	3
1410	Health Dept.*	Keokuk	1
1411	Manchester Unit*	Manchester	4
1412	Health Dept.*	Marshalltown	4
1413	Health Dept.*	Mason City	1
1414	Health Dept.*	Sioux City	2
1415	Health Dept.*	Waterloo	2

Laboratory Number		Location	Analysts
	IOWA (Continued)		
	Commercial Laboratories		
1431	Dairy and Food Analysis Laboratory, Iowa State University*	Ames	2
1432	Sanitation Laboratories*	Cedar Rapids	4
	Industry Laboratories		
1451	Fredericksburg Coop. Creamery	Fredericksburg	1
1452	Hudson Coop. Creamery	Hudson	2
1453	Jesup Coop. Creamery	Jesup	1
1454	Mississippi Valley Milk Producers*	Maquokota	2
1455	Minnesota Valley Testing Laboratory	Nevada	1
	KANSAS (1500)		
	Central Laboratory		
1501	State Health Dept.*	Topeka	3
	Official Laboratories		
1503	City-County Health Dept.*	Kansas City	2
1504	State Board of Agriculture*	Topeka	4
1505	City-County Health Dept.*	Wichita	1
	Industry Laboratories		
1551	Milk Producers, Inc.	Arkansas City	2
1552	Meyer Dairy	Basehor	1
1553	Mid-America Dairymen, Inc.	Concordia	1
1554	Milk Producers Inc.	Dodge City	2
1555	Neosho Valley Coop. Creamery	Erie	1
1556	Milk Producers, Inc.	Hillsboro	2
1557	Weside All Star Dairy, Inc.	Junction City	1
1558	All Star Dairy	Lawrence	1
1559	Milk Producers, Inc.	Pittsburgh	2
1560	Mid-America Dairymen, Inc.	Sabetha	1
1561	Mid-America Dairymen, Inc.	Topeka	1
1562	Sunflower Dairy, Inc.	Valley Falls	1
1563	Milk Producers, Inc.	Wichita	2
	KENTUCKY (1600)		
	Central Laboratory		
1601	State Dept. of Health*	Frankfort	4

Laboratory Number		Location	Analysts
	KENTUCKY (Continued)		
	Official Laboratories		
1603	Ashland-Boyd County Health Dept.*	Ashland	1
1604	Warren County Health Dept.*	Bowling Green	1
1605	Covington-Kenton County Health Dept.*	Covington	2
1606	Lexington-Fayette County Health Dept.*	Lexington	1
1607	Louisville-Jefferson County Health Dept.*	Louisville	3
1608	Health Dept.*	Newport	2
1609	State Dept. of Health Branch*	Paducah	3
	Commercial Laboratory		
1631	Kentucky Laboratory*	Lexington	1
	Industry Laboratories		
1651	Dean Milk Co.*	Louisville	1
1652	Sealtest Foods Co.*	Louisville	1
1653	Kyana Milk Producers, Inc.*	Louisville	1
1654	Paducah Graded Milk Producers, Inc.*	Paducah	1
	LOUISIANA (1700)		
	Central Laboratory		
1701	State Dept. of Health*	New Orleans	5
	Official Laboratories		
1703	State Dept. of Health Region*	Alexandria	2
1704	State Dept. of Health Milk*	Amite	3
1705	State Dept. of Health Region*	Lafayette	3
1706	State Dept. of Health Region*	Lake Charles	4
1707	State Dept. of Health Region*	Monroe	3
1708	State Dept. of Health Region*	Shreveport	3
	MAINE (1800)		
	Central Laboratory		
1801	State Dept. of Agriculture*	Orono	2
	Industry Laboratories		
1803	United Farmers of New England*	Albion	1
1804	H. P. Hood & Sons*	Portland	2
1805	Oakhurst*	Portland	2

Laboratory Number		Location	Analysts
	MARYLAND (1900)		
	Central Laboratories		
1901	State Dept. of Health*	Baltimore	4
1902	Livestock Sanitary Service*	College Park	2
	Official Laboratories		
1903	State Dept. of Health Branch	Annapolis	2
1904	State Dept. of Health Branch*	Baltimore	6
1905	Livestock Sanitary Service Branch*	Bel Air	3
1906	State Dept. of Health Branch*	Cambridge	2
1907	Livestock Sanitary Service Branch*	Centreville	1
1908	State Dept. of Health Branch*	Cheverly	3
1909	State Dept. of Health Branch*	Cumberland	3
1910	State Dept. of Health Branch*	Easton	4
1911	State Dept. of Health Branch*	Elkton	3
1912	Livestock Sanitary Service Branch*	Frederick	3
1913	State Dept. of Health Branch*	Frederick	4
1914	Livestock Sanitary Service Branch*	Oakland	1
1915	State Dept. of Health Branch*	Rockville	3
1916	State Dept. of Health Branch*	Salisbury	4
	Commercial Laboratories		
1931	Finney Associates, Inc.*	Baltimore	2
1932	England Laboratories*	Frederick	3
1933	C. W. England Laboratories, Inc.*	Laurel	2
1934	W. W. Laboratories*	Pikesville	2
	Industry Laboratories		
1951	Maryland-Virginia Milk Producers Assoc.*	Arlington, Va.	2
1952	Borden Co. (Hendler Division)*	Baltimore	3
1953	Delvale Dairies	Baltimore	2
1954	Greenspring Dairy, Inc.*	Baltimore	2
1955	Koontz Creamery, Inc.*	Baltimore	3
1956	Maryland Coop. Milk Producers, Inc.*	Baltimore	4
1957	Sealtest Foods*	Baltimore	1
1958	Liberty Milk Co.*	Cumberland	1
1959	Queen City Coop. Dairy, Inc.*	Cumberland	1
1960	Safeway Stores*	Landover	4

Laboratory Number		Location	Analysts
	MASSACHUSETTS (2000)		
	Central Laboratory		
2001	State Dept. of Public Health*	Boston	2
	Commercial Laboratories		
2031	Dairy Laboratory Service*	Acton	1
2032	Howard Research Laboratories*	Amherst	1
2033	Massachusetts Dairy Laboratories*	Boston	3
2034	Mutter's Testing Laboratory*	Holyoke	2
2035	Reilly's Laboratories*	Weymouth	3
	Industry Laboratory		
2051	H. P. Hood & Sons*	Boston	3
	MICHIGAN (2100)		
	Central Laboratories		
2101	State Dept. of Agriculture*	East Lansing	3
2102	State Dept. of Health*	Lansing	3
	Official Laboratories		
2103	Wayne County General Hospital*	Eloise	2
2104	City Health Dept.*	Flint	2
2105	West Michigan Section, State Dept. of Health*	Grand Rapids	2
2106	State Dept. of Health Section*	Houghton	3
2107	City-County Health Dept.*	Jackson	1
2108	St. Clair County Health Dept.*	Port Huron	2
2109	State Dept. of Health Section*	Powers	2
2110	Saginaw County Health Dept.*	Saginaw	2
	Commercial Laboratories		
2131	Robison Brown Testing Co.*	Detroit	2
2132	Beacon Laboratories*	Grand Ledge	2
2133	Bar Laboratories*	Kalamazoo	3
2134	Bycroft Milk & Food Laboratory*	Niles	3
2135	H. O. Helms Dairy Products Laboratory*	Traverse City	1
	Industry Laboratories		
2151	Michigan Producers Dairy Co.*	Adrian	2
2152	Sani-Seal Dairies*	Bay City	1

Laboratory Number		Location	Analysts
	MICHIGAN (Continued)		
2153	McDonald Milk Co.*	Chesaning	2
2154	Constantine Coop. Creamery*	Constantine	2
2155	Detroit Pure Milk Co.*	Detroit	3
2156	Michigan Milk Producers Assoc.*	Detroit	3
2157	National Dairies*	Detroit	2
2158	Twin Pines Farm Dairy	Detroit	1
2159	Wilson Bros. Dairy*	Detroit	2
2160	Liberty Dairy, Dean Food Co.*	Evart	2
2161	McDonald Milk Co.*	Flint	4
2162	Joppies Dairy Co.*	Grand Rapids	1
2163	Kalamazoo Milk Producers	Kalamazoo	1
2164	The Borden Co.*	Madison Heights	5
2165	Wyeth Laboratories*	Mason	3
2166	Michigan Milk Producers Assoc.	Ovid	4
2167	Berrien County Coop.*	St. Joseph	1
2168	Michigan Producers Dairy Co.*	Sebewaing	2
2169	Mead Johnson Co.*	Zeeland	4
	MINNESOTA (2200)		
	Central Laboratory		
2201	State Dept. of Agriculture*	St. Paul	8
	Official Laboratories		
2203	Health Dept.*	Albert Lea	2
2204	St. Louis County Health Dept.*	Duluth	2
2205	Tri-City Public Health Laboratory	Edina	1
2206	Health Dept.*	Fergus Falls	2
2207	Division of Public Health*	Minneapolis	3
2208	Health Dept.*	Moorhead	2
2209	Rochester-Olmsted County Health Dept.*	Rochester	2
2210	Bureau of Health*	St. Paul	2
2211	Health Dept.*	Winona	1
	Commercial Laboratories		
2231	Northern Lakes Dairy Laboratory*	Bemidji	1
2232	Raiter Clinic*	Cloquet	2
2233	Minnesota Valley Testing Laboratory, Inc.*	New Ulm	5
2234	Healy Laboratories*	St. Paul	2
2235	Quality Control Committee*	St. Paul	5
2236	Wadena Dairy Products Laboratory*	Wadena	4

Laboratory Number		Location	Analysts
	MINNESOTA (Continued)		
	Industry Laboratories		
2251	Bertha Coop. Creamery Assoc.*	Bertha	1
2252	Todd County Dairy Coop.*	Browerville	1
2253	Lakes Dairy Coop.	Detroit Lakes	1
2254	Rice County Coop. Dairy Assoc.*	Faribault	1
2255	North Star Dairy-Lakes Region*	Fergus Falls	2
2256	First District Assoc.*	Litchfield	1
2257	Land O'Lakes Creamery, Inc.*	Minneapolis	2
2258	Fairmont Foods Co.*	Moorhead	2
2259	Lakeland Dairies*	Mora	2
2260	Marigold Foods, Inc.*	Rochester	2
2261	Rochester Dairy Coop.*	Rochester	2
2262	Albert Lea Coop. Creamery Assoc.*	Twin Lakes	2
	MISSISSIPPI (2300)		
	Central Laboratory		
2301	State Board of Health*	Jackson	2
	Official Laboratories		
2303	State Board of Health Branch*	Columbus	1
2304	State Board of Health Branch*	Gulfport	1
2305	State Board of Health Branch*	Magnolia	1
2306	State Board of Health Branch*	Tupelo	1
	Commercial Laboratory		
2331	Standard Dairy Products*	Starkville	1
	MISSOURI (2400)		
	Central Laboratory		
2401	State Division of Health*	Jefferson City	4
	Official Laboratories		
2403	Health Dept.*	Chillicothe	1
2404	St. Louis County Health Dept.*	Clayton	1
2405	Health Dept.*	Columbia	1
2406	Health Dept.*	Independence	1
2407	Health Dept.*	Joplin	1
2408	Health Dept.*	Kansas City	2
2409	Health Dept.*	Kirksville	1
2410	State Division of Health-District #4*	Poplar Bluff	3

Laboratory Number		Location	Analysts
	MISSOURI (Continued)		
2411	Health Dept.*	St. Joseph	3
2412	Health Dept.*	St. Louis	2
2413	State Division of Health-District #5*	Springfield	3
2414	Health Dept.*	Springfield	2
	Industry Laboratory		
2451	Mid-America Dairies, Inc.	Kansas City	2
	MONTANA (2500)		
	Central Laboratory		
2501	State Livestock and Sanitary Board*	Bozeman	2
	Official Laboratories		
2503	Health Dept.*	Billings	2
2504	City-County Health Dept.*	Great Falls	1
2505	City-County Health Dept.*	Missoula	1
	Industry Laboratories		
2531	Safeway Stores, Inc.*	Butte	1
2532	Vita-Rich Dairy*	Havre	1
2533	Beatrice Foods Co.*	Missoula	1
	NEBRASKA (2600)		
	Central Laboratory		
2601	State Dept. of Agriculture*	Lincoln	2
	Official Laboratories		
2603	Grand Island-Hall County Health Laboratory*	Grand Island	2
2604	Health Dept.*	Hastings	1
2605	Lincoln-Lancaster County Health Dept.*	Lincoln	2
2606	Health Dept.*	McCook	1
2607	Health Dept.*	North Platte	2
2608	Omaha-Douglas County Health Dept.*	Omaha	3
2609	West Nebraska Branch Laboratory Health Dept.*	Scottsbluff	2
	Industry Laboratories		
2651	Nebraska-Iowa Milk Assoc.	Norfolk	1

Laboratory Number		Location	Analysts
	NEBRASKA (Continued)		
2652	Nebraska-Iowa Milk Assoc.	Omaha	2
2653	Nebraska-Iowa Milk Assoc.	Scottsbluff	1
	NEVADA (2700)		
	Central Laboratory		
2701	State Dept. of Health*	Reno	4
	Official Laboratory		
2703	State Dept. of Health*	Las Vegas	2
	NEW HAMPSHIRE (2800)		
	Central Laboratory		
2801	State Dept. of Health and Welfare*	Concord	2
	Official Laboratory		
2803	Nashua Health Dept.*	Nashua	1
	Industry Laboratory		
2851	Concord Dairy, Inc.*	Concord	1
	NEW JERSEY (2900)		
	Central Laboratory		
2901	State Dept. of Health*	Trenton	4
	Official Laboratories		
2903	Milk Inspection Assoc. of Oranges and Maplewood*	East Orange	2
2904	Health Dept.*	Jersey City	2
2905	Health Dept.*	Newark	3
2906	Health Dept.*	New Brunswick	1
2907	Bergen Pines County Hospital*	Paramus	2
2908	Health Dept.*	Paterson	3
	Commercial Laboratories		
2931	Deschu Dairy Laboratory*	Bound Brook	1
2932	Garden State Laboratories*	Irvington	3
2933	New Jersey Dairy Laboratories*	New Brunswick	3
2934	Sani-Pure Dairy Laboratory*	Rochelle Park	3

Laboratory Number		Location	Analysts
	NEW JERSEY (Continued)		
	Industry Laboratories		
2951	Shoemaker Dairies, Inc.	Bridgeton	1
2952	Farmland Dairy*	Fair Lawn	1
2953	Johanna Farms*	Flemington	2
2954	Swift Ice Cream*	Kearny	2
2955	Ideal Farms*	North Haledon	1
2956	Alderney-Puritan Dairy Co.*	Perth Amboy	3
2957	Walker-Gordon Dairy*	Plainsboro	3
2958	Port Murray Dairy*	Port Murray	2
2959	Raritan Valley Farms*	Somerville	1
2960	Borden's Dairy*	Sussex	2
2961	Costa Ice Cream Plant*	Woodbridge	1
	NEW MEXICO (3000)		
	Central Laboratory		
3001	State Dept. of Public Health*	Albuquerque	2
	Official Laboratories		
3003	State Dept. of Public Health Branch*	Clovis	3
3004	State Dept. of Public Health Branch*	Farmington	2
	NEW YORK (3100)		
	Central Laboratory		
3101	State Division of Laboratories and Research*	Albany	3
	Official Laboratories		
3103	Erie County*	Buffalo	2
3104	City Dept. of Health*	New York	5
3105	Westchester County, Division of Laboratories and Research*	Valhalla	4
	Commercial Laboratories		
3131	Howe's Laboratory Service*	Canajoharie	2
3132	Collins Dairy and Food Laboratory*	Cortland	2
3133	Ransford Dairy Laboratory*	Fredonia	1
3134	McAndrew Dairy Laboratory	Hamburg	1
3135	R. L. Mix Laboratory*	Horseheads	2
3136	Orange County Dairy Laboratory*	Middletown	5
3137	Certified Laboratories, Inc.*	New York	2
3138	Rochester Technical Services*	Rochester	3

Laboratory Number		Location	Analysts
	NEW YORK (Continued)		
3139	General Dairy Services*	Saratoga Springs	2
3140	New York Dairy Laboratory*	Syracuse	2
3141	General Dairy Services Corp.*	Utica	4
3142	Friend's Laboratory Service*	Waverly	2
	Industry Laboratories		
3151	Norman's Kill Farm Laboratory*	Albany	1
3152	Borden's Food Co.*	Arcade	3
3153	Grandview Dairy, Inc.*	Arkport	3
3154	Crowley's Milk Co.*	Binghamton	6
3155	Dairymen's League Coop. Assoc., Inc.*	Buffalo	4
3156	Upstate Milk Coop., Inc.*	Buffalo	3
3157	Queensboro Farm Products, Inc.*	Canastota	4
3158	H. P. Hood and Sons*	Eagle Bridge	3
3159	Dellwood Dairy*	Fraser	2
3160	Dairymen's League Coop. Assoc., Inc.*	Goshen	2
3161	Borden's Pioneer Ice Cream Division*	Gouverneur	3
3162	Sealtest Foods*	Homer	4
3163	Dairymen's League Coop. Assoc., Inc.*	Horseheads	4
3164	Crowley's Milk Co.*	LaFargeville	3
3165	Sealtest Foods*	North Lawrence	4
3166	Dairymen's League Coop. Assoc., Inc.*	Ogdensburg	3
3167	Borden's Farm Products*	Oxford	2
3168	Borden's Farm Products*	Ozone Park	3
3169	Queen's Farm Dairy*	Pierrepont Manor	3
3170	Elmhurst Milk and Cream Co., Inc.*	Prattsburg	2
3171	Sealtest Foods*	Rochester	2
3172	Sealtest Foods*	Schenectady	2
3173	Carnation Co.*	South Dayton	2
3174	Dairymen's League Coop. Assoc., Inc.*	Syracuse	3
3175	Dairymen's League Coop. Assoc., Inc.*	Vernon	2
3176	Borden's Farm Products*	Watertown	3
3177	Dairymen's League Coop. Assoc., Inc.*	Woodside	3
3178	Dellwood Dairy*	Yonkers	2
	NORTH CAROLINA (3200)		
	Central Laboratory		
3201	State Board of Health*	Raleigh	2
	Official Laboratories		
3203	Buncombe County Health Dept.*	Asheville	2
3204	Macklenburg County Health Dept.*	Charlotte	6
3205	Cabarrus County Health Dept.*	Concord	1

Laboratory Number		Location	Analysts
	NORTH CAROLINA (Continued)		
3206	Durham County Health Dept.*	Durham	1
3207	District Health Center*	Elizabeth City	1
3208	Cumberland County Health Dept.*	Fayetteville	1
3209	Gaston County Health Dept.*	Gastonia	1
3210	Wayne County Health Dept.*	Goldsboro	1
3211	Guilford County Health Dept.*	Greensboro	2
3212	District Health Dept.*	Hickory	1
3213	Davidson County Health Dept.*	Lexington	1
3214	Union County Health Dept.*	Monroe	2
3215	Surry County Health Dept.	Mount Airy	1
3216	Craven County Health Dept.*	New Bern	1
3217	State Dept. of Agriculture*	Raleigh	3
3218	Wake County Health Dept.*	Raleigh	2
3219	Health Dept.*	Rocky Mount	2
3220	Rowan County Health Dept.*	Salisbury	1
3221	Cleveland County Health Dept.*	Shelby	1
3222	Iredell County Health Dept.*	Statesville	1
3223	Montgomery County Health Dept.*	Troy	1
3224	Haywood County Health Dept.*	Waynesville	1
3225	New Hanover County Health Dept.*	Wilmington	3
3226	Forsyth County Health Dept.*	Winston-Salem	4
3227	State Dept. of Agriculture Mobile Laboratory*	Winston-Salem	1
	Industry Laboratories		
3251	Sealtest Foods, Inc.*	Asheville	2
3252	Biltmore Dairy Farms*	Biltmore	1
3253	Long Meadow Farms, Inc.*	Burham	1
3254	Coble Dairy Laboratory*	Goldsboro	1
3255	Guilford Dairy Coop. Assoc., Inc.*	Greensboro	1
3256	Borden Co. Laboratory*	High Point	1
3257	Coble Dairy Products Coop.*	Lexington	2
3258	Maola Milk and Ice Cream Co.*	New Bern	2
3259	Pine State Creamery Co. Laboratory*	Raleigh	2
3260	Montgomery Dairy Products, Inc.	Troy	1
3261	Yadkin Valley Dairy Coop.*	Wilkesboro	2
3262	Sealtest Foods, Inc.*	Wilson	1
3263	Farmers Dairy Coop.*	Winston-Salem	2
3264	Sealtest Foods, Inc.*	Winston-Salem	2

Laboratory Number		Location	Analysts
	NORTH DAKOTA (3300)		
	Central Laboratory		
3301	State Health Dept.*	Bismarck	3
	Official Laboratories		
3303	Public Health Dept.*	Fargo	1
3304	State Public Health*	Grand Forks	1
3305	First District Health Unit*	Minot	1
3306	Upper Missouri District Health Unit*	Williston	1
	OHIO (3400)		
	Central Laboratory		
3401	State Health Dept.*	Columbus	2
	Official Laboratories		
3403	Health Dept.*	Akron	1
3404	Health Dept.*	Canton	2
3405	Health Dept.*	Cincinnati	4
3406	Health Dept.*	Cleveland	2
3407	Health Dept.*	Columbus	1
3408	Health Dept.*	Dayton	2
3409	Health Dept.*	Elyria	1
3410	Health Dept.*	Hamilton	1
3411	Lima-Allen County Health Dept.*	Lima	1
3412	Health Dept.*	Lorain	1
3413	Marietta City-Washington County Health Dept.*	Marietta	1
3414	Health Dept.*	Marion	1
3415	Ohio Dept. of Health, Southeast Branch*	Nelsonville	2
3416	Lorain County Health Dept.	Oberlin	1
3417	Health Dept.*	Steubenville	1
3418	Health Dept.*	Toledo	2
3419	Health Dept.*	Youngstown	1
	Commercial Laboratories		
3431	Smith Medical Laboratory	Ashtabula	1
3432	Hill Top Laboratories, Inc.*	Cincinnati	1
3433	Accra Laboratories, Inc.*	Cleveland	2
3434	B & D Laboratory*	Columbus	1
3435	Johnson Clinical Laboratory*	Coshocton	2

Laboratory Number		Location	Analysts
	OHIO (Continued)		
3436	Dille Laboratory*	Dayton	1
3437	Dairy Laboratory Service*	Elyria	1
3438	Wooster Community Hospital Laboratory*	Wooster	1
	Industry Laboratories		
3451	Akron Milk Producers, Inc.*	Akron	2
3452	Borden Milk Co.*	Akron	2
3453	French-Bauer Dairy*	Cincinnati	1
3454	Sealtest Foods*	Cincinnati	1
3455	Hillside Dairy*	Cleveland Heights	1
3456	Westerville Creamery*	Covington	1
3457	Lawson Milk Co.*	Cuyahoga Falls	1
3458	Broughton's Farm Dairy, Inc.*	Marietta	3
3459	Beatrice Foods*	New Bremen	2
3460	Orrville Milk Co.*	Orrville	3
	OKLAHOMA (3500)		
	Central Laboratory		
3501	State Dept. of Health*	Oklahoma City	2
	Official Laboratories		
3503	State Dept. of Health Branch*	Elk City	1
3504	State Dept. of Health Branch*	Hugo	1
3505	State Dept. of Health Branch*	Lawton	2
3506	State Dept. of Health Branch	Muskogee	2
3507	City-County Health Dept.*	Oklahoma City	3
3508	City-County Health Dept.*	Tulsa	2
	OREGON (3600)		
	Central Laboratory		
3601	State Dept. of Agriculture*	Salem	3
	Official Laboratory		
3603	Multnomah County Health Dept.*	Portland	3
	Commercial Laboratory		
3631	Drs. Furrer, McMilan, Patton, Starr and Pettet*	Eugene	1

Laboratory Number		Location	Analysts
	PENNSYLVANIA (3700)		
	Central Laboratory		
3701	Commonwealth of Pennsylvania*	Harrisburg	3
	Official Laboratories		
3703	City	Allentown	3
3704	Ambridge Borough*	Ambridge	1
3705	Lower Marion Twp. Board of Health	Ardmore	2
3706	City	Bethlehem	3
3707	City*	Easton	2
3708	Erie Testing Laboratories*	Erie	3
3709	Hanover Borough Milk	Hanover	2
3710	Schiller Laboratory	Ingomar	2
3711	Goodell Laboratory*	Lancaster	1
3712	Leland Brown Laboratories	Lansdowne	2
3713	LaWall and Harrison	Philadelphia	3
3714	Community Health Services*	Philadelphia	1
3715	Allegheny County Public Health*	Pittsburgh	2
3716	City	Reading	1
3717	Kirby Memorial Health Center	Wilkes-Barre	4
3718	City*	York	1
	Commercial Laboratories		
3731	Keiter Dairy Laboratories*	Allentown	3
3732	Kendall Laboratories*	Altoona	4
3733	R. B. Bruno Analytical Laboratory	Coatesville	1
3734	Easton Laboratories	Easton	1
3735	Howard L. Cummings*	Elizabethtown	2
3736	Fox Medical Laboratory*	Greensburg	3
3737	Allen Laboratories, Inc.*	Harrisburg	4
3738	Strand Laboratories	Johnstown	2
3739	Kennett Laboratories	Kennett Square	1
3740	Lancaster Laboratories, Inc.	Lancaster	2
3741	Bucknell Health Service Laboratory	Lewisburg	1
3742	Stratton's Laboratory*	New Castle	3
3743	Dairy Laboratories*	Philadelphia	5
3744	Dairy Products Laboratory*	Pittsburgh	5
3745	Q. C., Inc. Quality Control Laboratory Division*	Southhampton	8
3746	York County Dairy Laboratories*	Spring Grove	1
3747	Seewald Laboratories*	Williamsport	3
3748	Eastern Laboratory Service*	York	1
	Industry Laboratories		
3751	Freeman's Dairy*	Allentown	1

Laboratory Number		Location	Analysts
	PENNSYLVANIA (Continued)		
3752	Lehigh Valley Coop. Farmers*	Allentown	5
3753	Taylor-All-Star*	Ambridge	1
3754	Abbotts Dairies Division-Fairmont Foods*	Belleville	3
3755	Monroe County Coop. Dairy	Brodheadsville	1
3756	Dolly Madison Industries, Inc.*	Dushore	3
3757	Sterling Milk, Inc.*	Erie	2
3758	Great Atlantic & Pacific Tea Co.	Ft. Washington	3
3759	Hershey Creamery Co.	Harrisburg	3
3760	Harrisburg Dairies*	Harrisburg	3
3761	Farmers' Coop. Dairy	Hazleton	1
3762	Hershey Chocolate Corp. Dairy	Hershey	2
3763	Hershey Estates	Hershey	1
3764	Johnstown Sanitary Dairy	Johnstown	4
3765	Penn Dairies, Inc.*	Lancaster	4
3766	Queen Dairy Co.*	Lancaster	1
3767	Lehigh Valley Coop. Farmers*	Lansdale	4
3768	Wengert's Dairy*	Lebanon	2
3769	Sealtest Foods*	Lewisburg	2
3770	East Smithfield Farms, Inc.*	Liberty	3
3771	Menzie Dairy	McKeesport	1
3772	Northeast Dairy Coop.*	Middlebury Center	1
3773	Zausner Foods Corp.*	New Holland	3
3774	Abbotts Dairies Division Fairmont Foods*	Philadelphia	4
3775	Breuninger's Dairy*	Philadelphia	1
3776	Brever Ice Cream Division*	Philadelphia	4
3777	Harbison's Dairies, Inc.	Philadelphia	3
3778	Sealtest Foods*	Philadelphia	3
3779	Country Belle Coop. Farmers*	Pittsburgh	3
3780	Harmony Dairy Co.*	Pittsburgh	1
3781	Sealtest Foods	Pittsburgh	2
3782	Lehigh Valley Coop. Farmers*	Pottsville	3
3783	Dietrich's Dairy	Reading	1
3784	St. Lawrence Dairy	Reading	2
3785	Woodson Dairy, Inc.	Red Hill	1
3786	Woodlawn Farm Dairy Co.*	Scranton	4
3787	Hurr's Dairy	South Williamsport	1
3788	Troy Dairy Farms*	Troy	1
3789	Aldovin Dairy, Inc.	Tunkhannock	2
3790	University Creamery*	University Park	3
3791	Walker Creamery	Warren	1
3792	Susquehanna Valley Farms*	Williamsport	1
3793	Rutter Brothers Dairy*	York	2

Laboratory Number		Location	Analysts
	RHODE ISLAND (3800)		
	Commercial Laboratories		
3803	New England Testing Laboratory, Inc.*	North Providence	1
3804	Rhode Island Quality Milk Assoc.*	Warwick	1
	SOUTH CAROLINA (3900)		
	Central Laboratory		
3901	State Board of Health*	Columbia	2
	Official Laboratories		
3903	District Health*	Anderson	2
3904	County District Health*	Florence	2
3905	City Health*	Greenville	1
3906	County Health Dept.	Greenville	1
3907	Charleston County Health*	Sullivans Island	2
	Industry Laboratories		
3951	Coble Dairy*	Anderson	1
3952	Coburg Dairy*	Charleston	1
3953	West End Dairy	Charleston	1
3954	Pet Dairy	Columbia	1
3955	Sealtest Foods, Inc.*	Florence	1
3956	Pet Dairy*	Greenville	1
	SOUTH DAKOTA (4000)		
	Central Laboratories		
4001	State Health Dept.*	Pierre	2
4002	State Chemical*	Vermillion	1
	Official Laboratory		
4003	Health Dept.*	Sioux Falls	1
	TENNESSEE (4100)		
	Central Laboratory		
4101	State Dept. of Public Health*	Nashville	5
	Official Laboratories		
4103	State Dept. of Public Health Branch*	Chattanooga	4
4104	State Dept. of Public Health Branch*	Jackson	3

Laboratory Number		Location	Analysts
	TENNESSEE (Continued)		
4105	State Dept. of Public Health Branch*	Johnson City	4
4106	State Dept. of Public Health Branch*	Knoxville	2
4107	State Dept. of Public Health Branch*	Memphis	2
	Commercial Laboratory		
4131	S-W Laboratory	Knoxville	1
	Industry Laboratories		
4151	Mayfield Dairy Farms, Inc.*	Athens	2
4152	Dairymen, Inc., Southeast Division*	Bristol, Va.	4
4153	Tennessee Valley Milk Producers, Inc.	Chattanooga	2
4154	Turner's Dairy*	Covington	1
4155	Pet Milk Co., Dairy Division*	Kingsport	1
4156	Pet Milk Co., Dairy Division*	Knoxville	1
4157	Tennessee Valley Milk Producers, Inc.	Knoxville	2
4158	Dean Foods Co., Inc.*	Memphis	2
4159	Mid-South Milk Producers Assoc.*	Memphis	2
4160	Metropolitan Milk and Food Laboratory	Nashville	2
4161	Purity Dairies, Inc.*	Nashville	2
4162	Sealtest Foods, Milk Division*	Nashville	1
4163	Happy Valley Farms*	Rossville, Ga.	1
	TEXAS (4200)		
	Central Laboratory		
4201	State Health Dept.*	Austin	5
	Official Laboratories		
4203	City-County Health Dept.*	Abilene	3
4204	Bi City-County Health Dept.*	Amarillo	4
4205	City-County Health Dept.	Brownwood	1
4206	City-County Health Dept.*	Bryan	1
4207	City-County Health Dept.*	Corpus Christi	4
4208	Public Health Dept.*	Dallas	4
4209	City-County Health Dept.*	El Paso	3
4210	Health Dept.*	Fort Worth	4
4211	City-County Health Dept.*	Greenville	1
4212	Health Dept.*	Houston	5
4213	Galveston County Health Dept.*	La Marque	2
4214	City-County Health Dept.*	Laredo	2
4215	City-County Health Dept.*	Lubbock	2

Laboratory Number		Location	Analysts
	TEXAS (Continued)		
4216	Midland-Ector-Howard County Health Dept.*	Midland	1
4217	City-County Health Dept.*	Paris	1
4218	Health Dept.*	Port Arthur	2
4219	City-County Health Dept.	San Angelo	1
4220	Metropolitan Health District*	San Antonio	7
4221	Cameron County Health Dept.*	San Benito	2
4222	City-County Health Dept.	Sweetwater	1
4223	City-County Health Dept.*	Texarkana	2
4224	City-County Health Dept.*	Tyler	3
4225	City-County Health Dept.*	Waco	3
4226	City-County Health Dept.*	Wichita Falls	2
	UTAH (4300)		
	Central Laboratory		
4301	State Dept. of Agriculture*	Salt Lake City	1
	Official Laboratories		
4303	Health Dept.*	Logan	1
4304	County Health Dept.*	Ogden	2
4305	Board of Health*	Salt Lake City	2
	Commercial Laboratories		
4331	Ford Chemical Laboratory*	Salt Lake City	1
	VERMONT (4400)		
	Central Laboratory		
4401	State Dept. of Agriculture*	Montpelier	1
	Industry Laboratories		
4451	Granite City Coop. Creamery*	Barre	1
4452	Whiting Milk Co.*	Bradford	3
4453	Cabot Farmers Coop. Creamery*	Cabot	3
4454	United Farmers of New England, Inc.*	Morrisville	3
4455	St. Albans Coop. Creamery*	St. Albans	1
4456	H. P. Hood & Sons*	St. Johnsbury	3
	VIRGINIA (4500)		
	Central Laboratories		
4501	State Dept. of Agriculture*	Richmond	3
4502	State Health Dept.*	Richmond	4

Laboratory Number		Location	Analysts
	VIRGINIA (Continued)		
	Official Laboratories		
4503	State Dept. of Health District*	Abingdon	2
4504	Health Dept.*	Alexandria	1
4505	Arlington County Health Dept.*	Arlington	3
4506	State Dept. of Agriculture Region*	Harrisonburg	3
4507	State Dept. of Agriculture Region*	Ivor	2
4508	State Dept. of Health District*	Luray	3
4509	Health Dept.*	Lynchburg	2
4510	State Dept. of Agriculture Region*	Lynchburg	2
4511	Health Dept.*	Newport News	1
4512	Health Dept.*	Norfolk	2
4513	Health Dept.*	Petersburg	2
4514	Health Dept.*	Portsmouth	2
4515	Health Dept.*	Richmond	1
4516	Health Dept.*	Roanoke	3
4517	State Dept. of Agriculture Region*	Warrenton	1
4518	State Dept. of Agriculture Region*	Wytheville	3
	WASHINGTON (4600)		
	Central Laboratories		
4601	State Dept. of Agriculture*	Olympia	5
4602	State Dept. of Health*	Seattle	2
	Official Laboratories		
4603	Whatcom-Bellingham Health District*	Bellingham	1
4604	Kitsap-Bremerton Health District	Bremerton	1
4605	Whitman County Health Dept.	Colfax	1
4606	Snohomish Health District*	Everett	1
4607	Cowlitz-Wahkiakum Health District*	Kelso	1
4608	Benton-Franklin Health District*	Pasco	1
4609	Olympic Health District	Port Angeles	1
4610	Seattle-King County Health Dept.*	Seattle	2
4611	City Health Dept.*	Spokane	1
4612	Tacoma-Pierce County Health Dept.*	Tacoma	2
4613	Clark-Skamania Health District*	Vancouver	1
4614	County-City Health Dept.*	Walla Walla	1
4615	Chelan-Douglas Health District	Wenatchee	1
4616	Yakima County Health District*	Yakima	1
	Commercial Laboratories		
4631	Universal Laboratories*	Seattle	2
4632	Technical Consulting Service*	Tacoma	2

Laboratory Number		Location	Analysts
	WASHINGTON (Continued)		
	Industry Laboratories		
4651	Safeway Stores, Inc.*	Bellevue	1
4652	Whatcom County Dairymen's Assoc.*	Lynden	3
4653	Arden Farms Co.*	Moses Lake	2
4654	Arden Farms Co.*	Seattle	3
4655	Carnation Co.*	Seattle	2
4656	Consolidated Dairy Products Co.*	Seattle	6
4657	Foremost Dairies, Inc.*	Seattle	2
4658	Carnation Co.*	Spokane	2
4659	Inland Empire Dairymen's Assoc.*	Spokane	1
4660	Carnation Co.*	Sunnyside	2
4661	Early Dawn Dairy*	Veradale	1
4662	Yakima City Creamery, Inc.*	Yakima	1
	WEST VIRGINIA (4700)		
	Central Laboratory		
4701	State Dept. of Health*	Charleston	3
	Official Laboratories		
4703	Raleigh County Health Dept.*	Beckley	1
4704	Mercer County Health Dept.*	Bluefield	1
4705	Kanawha-Charleston Health Dept.*	Charleston	1
4706	Harrison-Clarksburg Health Dept.*	Clarksburg	1
4707	Cabell-Huntington Health Dept.*	Huntington	1
4708	Wood-Parkersburg Health Dept.*	Parkersburg	1
4709	Wheeling-Ohio Health Dept.*	Wheeling	1
	Industry Laboratories		
4751	Greenbrier Dairy Co.*	Beckley	1
4752	Valley Bell Dairy Co.*	Charleston	1
4753	Foremost Dairies, Inc.*	Welch	2
	WISCONSIN (4800)		
4801	State Division of Health*	Madison	2
	Official Laboratories		
4803	Health Dept.	Appleton	1
4804	Health Dept.	Ashland	1
4805	Dept. of Health*	Beloit	1
4806	Health Dept.*	Clintonville	1
4807	City-County Health Dept.*	Eau Claire	2

Laboratory Number		Location	Analysts
	WISCONSIN (Continued)		
4808	Inter-City Milk Council*	Elkhorn	1
4809	Public Health Laboratory	Fond du Lac	1
4810	Health Dept.*	Green Bay	2
4811	Health Dept.	Janesville	1
4812	Health Dept.*	Kenosha	1
4813	Public Health Laboratory*	La Crosse	2
4814	City Health Dept.*	Madison	1
4815	State Dairy and Food Control Laboratory*	Madison	2
4816	Health Dept.*	Milwaukee	2
4817	Health Dept.	Oshkosh	1
4818	Health Dept.*	Racine	1
4819	City Health Dept.*	Sheboygan	2
4820	City Water Dept.	Stevens Point	1
4821	Health Dept.*	Superior	1
4822	County Health Dept.*	Waukesha	2
4823	Public Health Laboratory*	Wausau	1
	Commercial Laboratories		
4831	Dairyland Laboratory*	Arcadia	1
4832	Commercial Dairy Laboratory*	Colfax	1
4833	Marschall Division-Miles Laboratories, Inc.*	Madison	2
4834	Darilab Service*	Manitowoc	2
4835	Milwaukee Food Laboratories*	Milwaukee	1
	Industry Laboratories		
4841	Rochester Dairy Coop., Alma Div.*	Alma	1
4842	Antigo Milk Products Coop.*	Antigo	2
4843	Consolidated Badger Coop.*	Appleton	1
4844	Central Wisconsin Coop. Dairies*	Astico	1
4845	Twin City Milk Producers Assoc.	Baldwin	1
4846	Barron Coop. Creamery*	Barron	1
4847	Central Wisconsin Milk Control Co.*	Beaver Dam	1
4848	Pure Milk Assoc.*	Belleville	2
4849	Outagamie Producers' Coop.*	Black Creek	1
4850	Twin Cities Milk Producers' Assoc.*	Bloomer	2
4851	Boyceville Farmers Coop. Creamery Assoc.	Boyceville	1
4852	Burlington Coop.-Pure Milk Assoc.*	Burlington	2
4853	Sanna, Inc.*	Cameron	1
4854	Deerfield Creamery*	Deerfield	1
4855	Lake to Lake Dairy Coop.*	Denmark	1

Laboratory Number		Location	Analysts
	WISCONSIN (Continued)		
4856	Baker Laboratory, Inc.*	East Troy	1
4857	Country's Delight*	Fennimore	1
4858	Galloway West Co.*	Fond du Lac	2
4859	Gehl's Guernsey Farms*	Germantown	1
4860	Fairmont Foods Co.*	Green Bay	2
4861	Falls Dairy Co.*	Jim Falls	2
4862	Pure Milk Assoc.*	Kansasville	1
4863	White Clover Dairy Co., Inc.*	Kaukauna	1
4864	Fairmont Foods Co.*	Kewaskum	1
4865	Flambeau Valley Farms Coop.*	Ladysmith	1
4866	Frigo Cheese Corp.*	Lena	1
4867	Bancroft Dairy	Madison	1
4868	Consolidated Badger Coop.	Marshfield	1
4869	Consolidated Badger Coop.*	Meford	1
4870	Sanna, Inc.*	Menomonie	1
4871	Blochowiak Dairy Co.*	Milwaukee	1
4872	Borden Co.*	Milwaukee	2
4873	Golden Guernsey Dairy Coop.*	Milwaukee	1
4874	Sealtest Foods*	Milwaukee	1
4875	Pure Milk Assoc.*	Mount Horeb	1
4876	Borden Foods Co.*	New London	1
4877	Pabst Farms, Inc.*	Oconomowoc	1
4878	Wisconsin Dairies Coop.*	Reedsburg	1
4879	Rice Lake Creamery Co.*	Rice Lake	1
4880	Wisconsin Dairies Coop.*	Sauk City	2
4881	Consolidated Badger Coop.*	Shawano	1
4882	Verifine Dairy Products Corp.*	Sheboygan	1
4883	Slinger Creamery, Inc.*	Slinger	1
4884	Hiawatha Valley Dairies Coop.*	Sparta	1
4885	Twin Ports Coop. Dairy*	Superior	1
4886	Turtle Lake Coop. Creamery Assoc.*	Turtle Lake	1
4887	Golden Guernsey Dairy Coop.*	Waukesha	1
4888	Alto Coop. Creamery*	Waupun	1
4889	Consolidated Badger Coop.*	West DePere	1
4890	Weyauwega Milk Producers, Inc.*	Weyauwega	1
4891	Hawthorn-Mellody Farms Dairy*	Whitewater	2
	WYOMING (4900)		
	Central Laboratory		
4901	State Dept. of Agriculture*	Laramie	3

Laboratory Number		Location	Analysts
	WYOMING (Continued)		
	Industry Laboratories		
4951	Morning Star Dairy	Riverton	1
4952	Star Valley Swiss Cheese Co.	Thayne	1
	ALASKA (5000)		
	Central Laboratory		
5001	Dept. of Health	Juneau	1
	Official Laboratories		
5003	Southcentral Regional Laboratory*	Anchorage	2
5004	Northern Regional Laboratory	Fairbanks	2
5005	State Dept. of Agriculture	Palmer	1
	Industry Laboratory		
5051	Matanuska Maid Dairy Laboratory	Anchorage	1
	HAWAII (5100)		
	Central Laboratory		
5101	State Dept. of Health*	Honolulu	2
	Official Laboratory		
5103	Hawaii County	Hilo	2
	PUERTO RICO (5200)		
	Central Laboratory		
5201	Institute of Health*	Hato Rey	5
	Official Laboratories		
5203	Northern Medical Region	Arecibo	2
5204	Eastern Medical Region	Fajardo	3
5205	Western Medical Region	Mayaguez	6
5206	Southern Medical Region	Ponce	4

*Complies with Procedures of the National Conference on Interstate Milk Shipments pertaining to frequency of laboratory surveys and split samples.

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